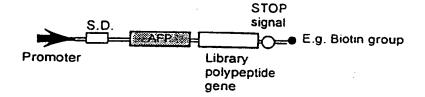
Nucleic acids (DNA or RNA) 2 3 n encoding individual library member polypeptides Immobilization onto solid support particles containing target or cognate binding partner Translation or optionally transcription/translation (if DNA) Selection of particles containing the desired polypeptide and the corresponding encoding nucleic acid Nucleic acid amplification Identification through DNA FIG. 1 sequencing

Immobilized DNA/Target added



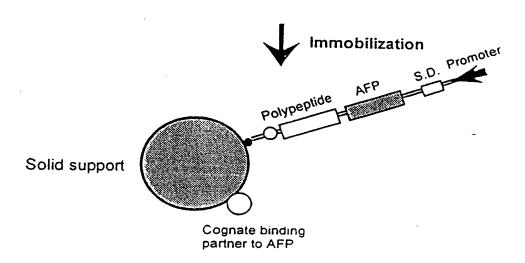
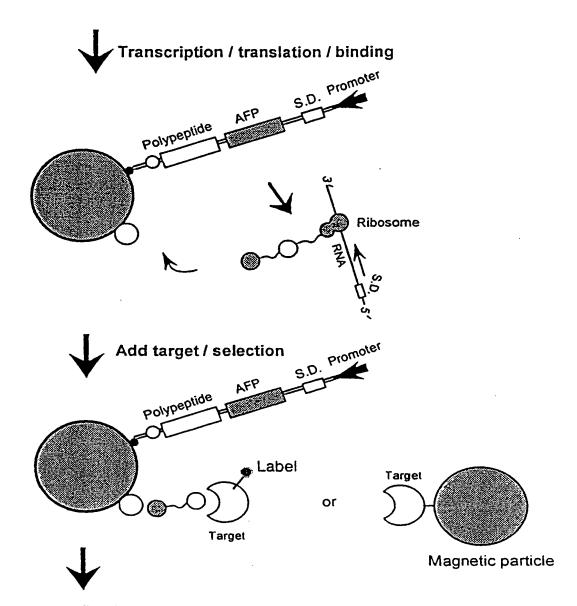


FIG. 2



Repeat/DNA amplification and sequencing

FIG. 2CONT'D

... 23 8 1 Mi

Immobilized RNA/Target added

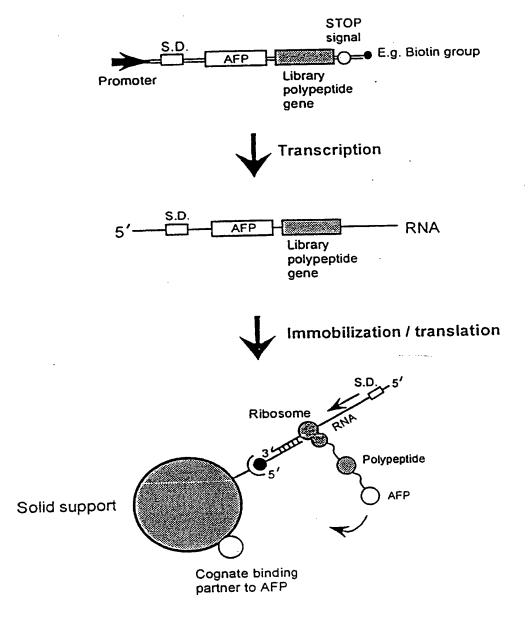
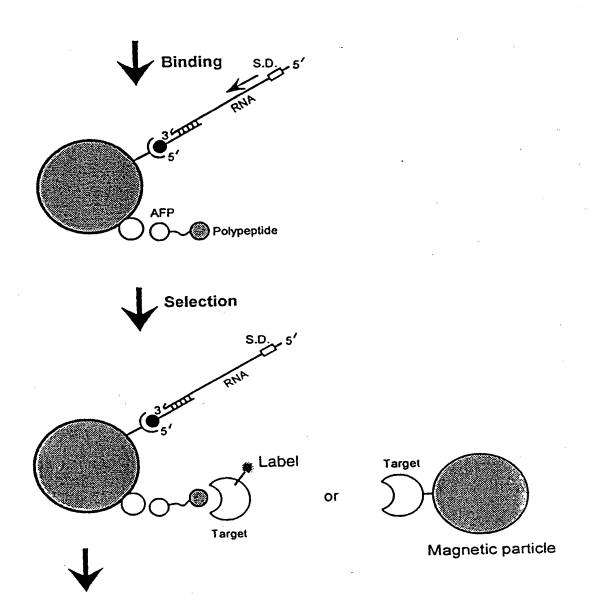


FIG. 3



Reverse transcribe RNA / PCR amplification and sequencing FIG. 3cont'D

10/031910

Immobilized DNA/Target immobilized

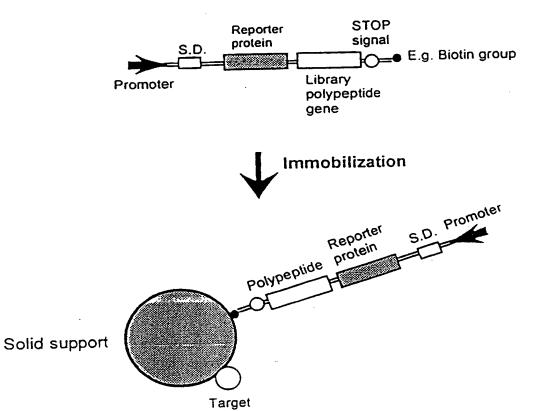
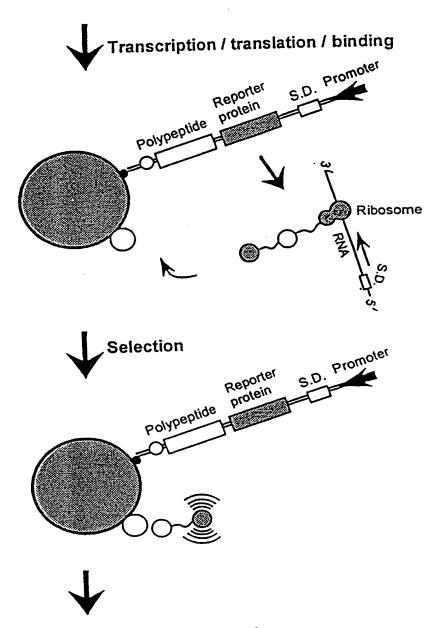


FIG. 4



Repeat/DNA amplification and sequencing

FIG. 4contd

Immobilized RNA/Target immobilized

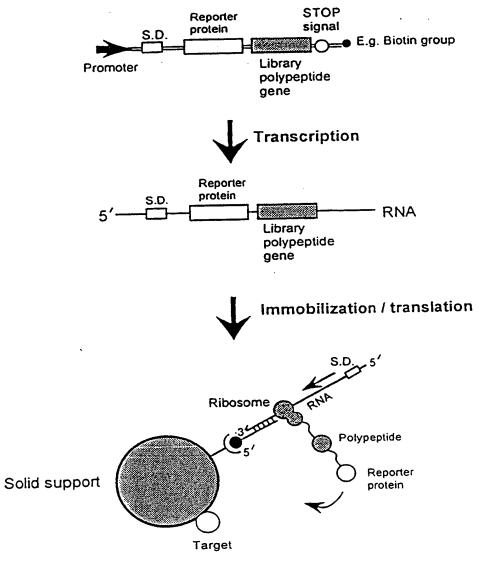
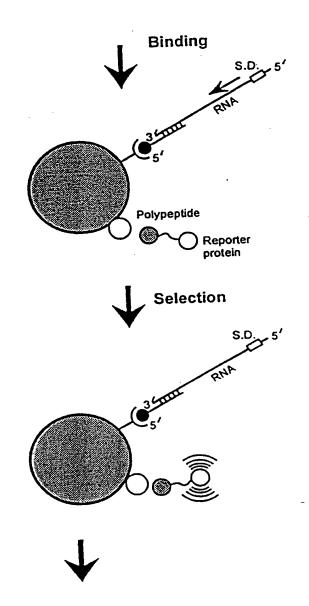


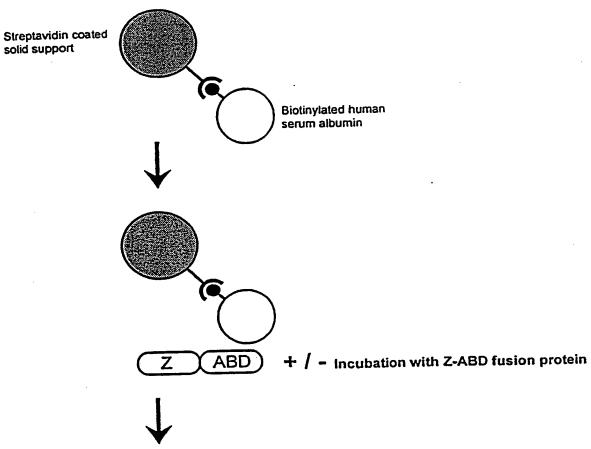
FIG. 5



Reverse transcribe RNA / PCR amplification and sequencing

FIG. 5cont'd

Example 1.



Incubation with FITC-labeled goat antibodies

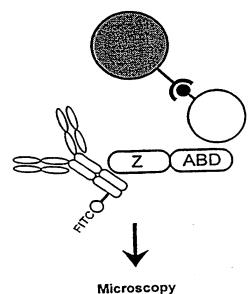
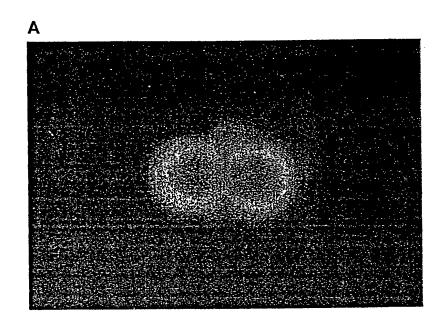


FIG. 6



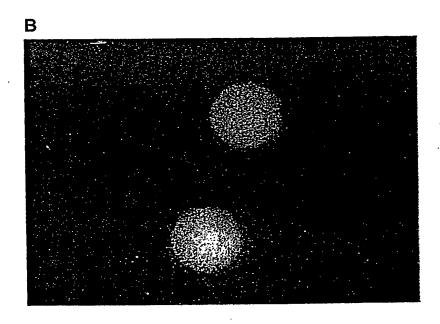
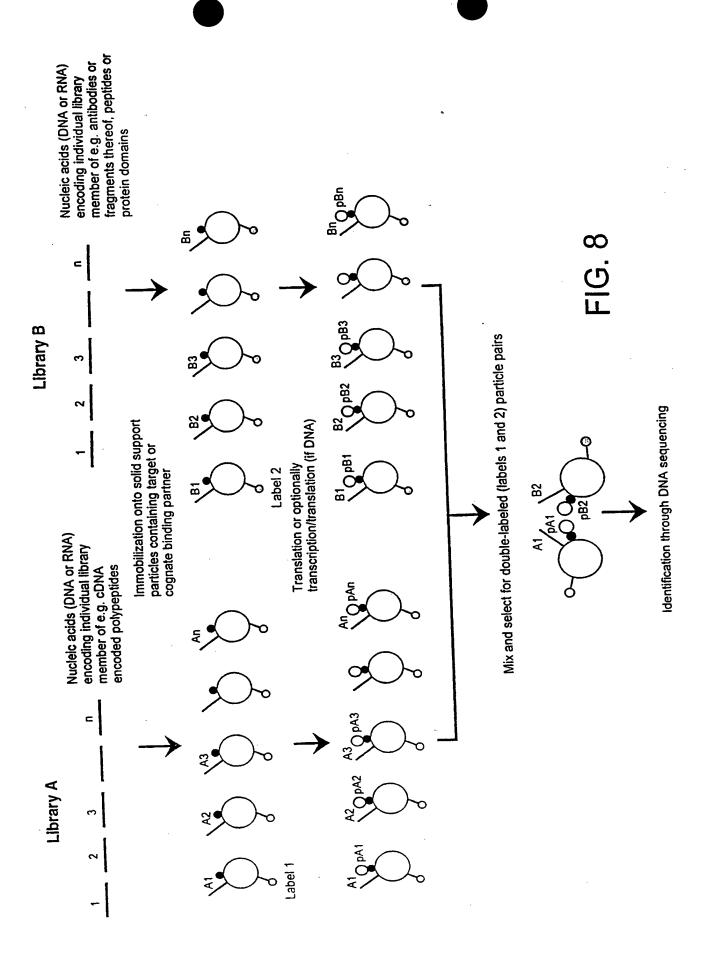
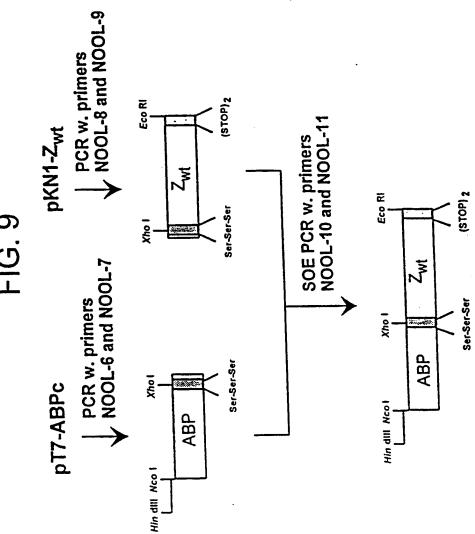
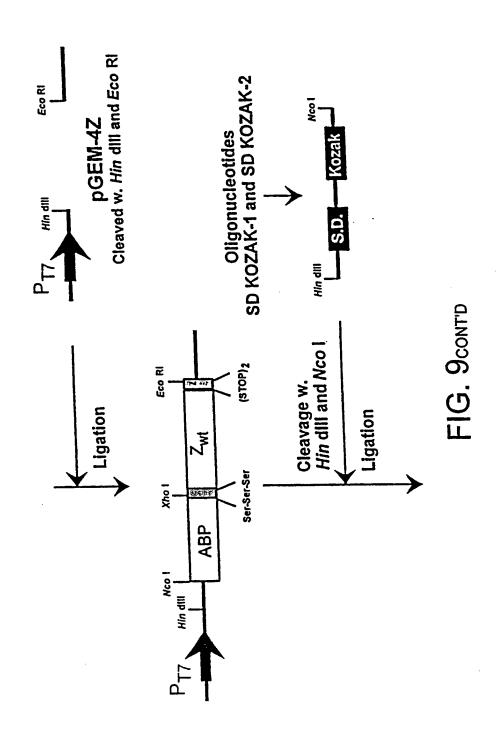


FIG. 7









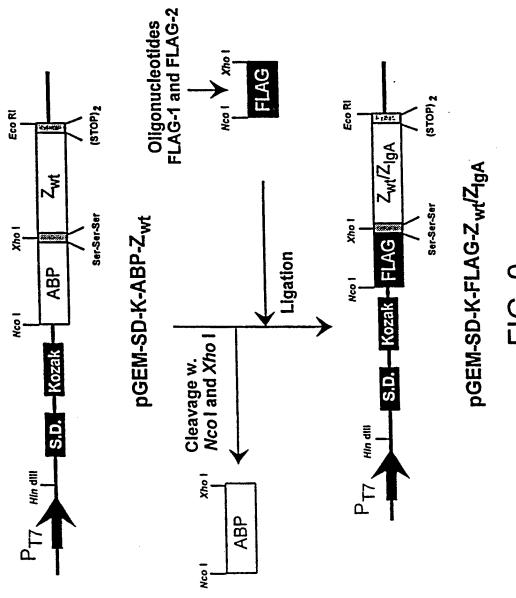


FIG. 9contp

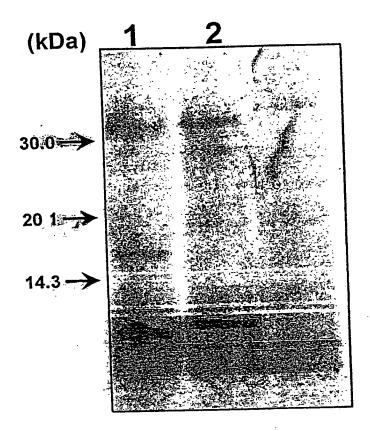
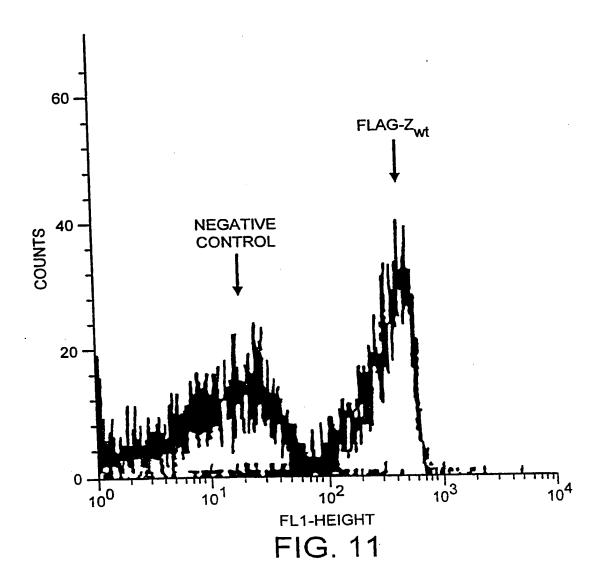
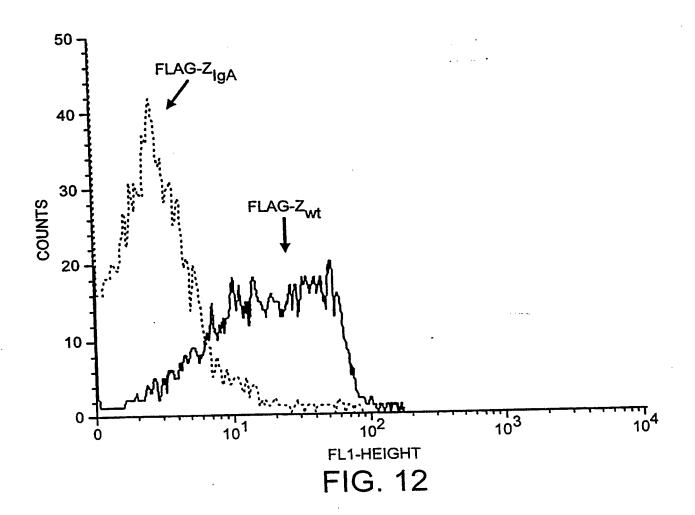


FIG. 10





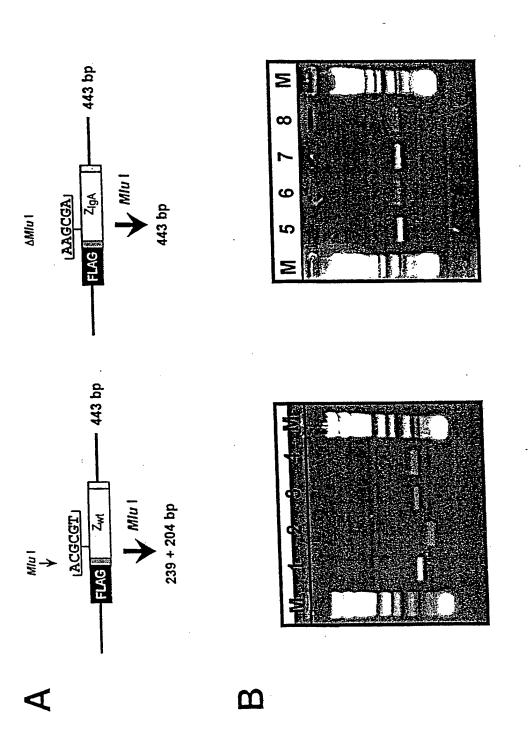
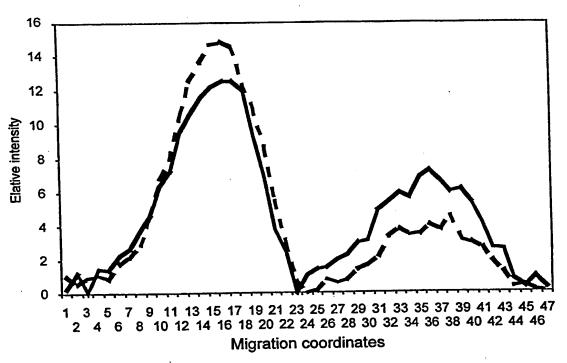


FIG. 13



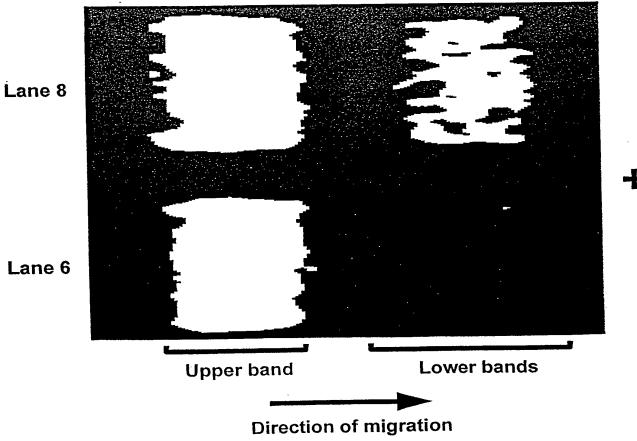


FIG. 14